



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS
PART NUMBER
21-815C (GUN METAL GRAY FINISH)

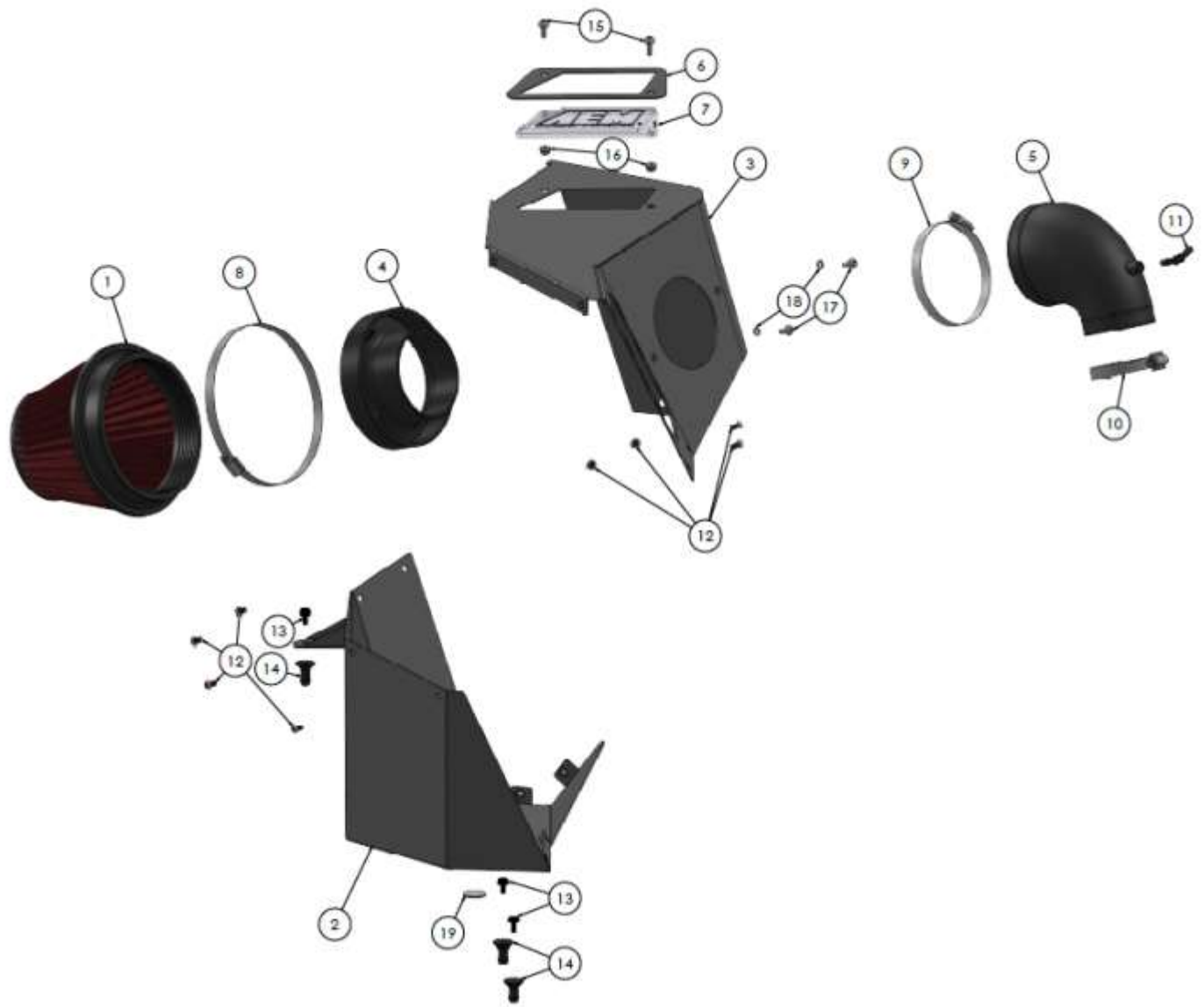
2017

AUDI

A4 incl. Qua o

2.0T

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	21-209DK	AIR FILTER; 6" X 5" X 4.75"T DRYFLOW	1
2	20-8591	HEAT SHIELD; 2017 AUDI A4 2.0T	1
3	20-8592	HEAT SHIELD LID; 2017 AUDI A4 2.0T	1
4	27300	ADAPTOR; 57-3058 #454	1
5	5-1099	COUPLER; 4.00"ID X 2.50"ID, 90DEG, BLACK 80 SHORE	1
6	7-364	SPACER; ALUM, AEM-8-211 CLEAR BADGE	1
7	8-211	PLATE; AEM LOGO, CLEAR, 6.2" X 2.4" X .25"	1
8	94104	1/2" BNDHOSE CLAMP,4.125-7.00"	1
9	9464	1/2" BNDHOSE CLAMP,3.56"-4.50"	1
10	9444	HOSE CLAMP, 2.31-3.25"	1
11	8-216	ELBOW; 1/4" BARBED EQUAL 90DEG, BLK NYLON	1
12	1-112	BOLT; BUTTON HEAD M6-1.0 X 10MM, SS	8
13	1-2110	BOLT; HEX/FLANGE M6-1.0 X 12	3
14	8-186-1	MOUNT, PLASTIC AIRBOX, NYLON	3
15	07730	BOLT; M6 X 1.00 X 16MM , BUTTONHEAD, SS	2
16	444.460.04	NUT; M6 HEX SERRATED	2
17	07794	BOLT; M6 X 1.00" 12MM BUTTONHEAD, SS	2
18	1-3025	WASHER, M6 SPLIT LOCK ZINC	2
19	8-167	NEOPRENE, 1/16" X 1" ROUND ADHESIVE	1



Read and understand these instructions **BEFORE** attempting to install this product. Failure to follow installation instructions and not using the provided hardware may damage the intake tube, throttle body and engine.

Tools Needed:	Optional:
Screwdriver	Small Torque Wrench
T25 Torx Driver	
8mm, 7mm- Socket Driver	
10mm Wrench	
4mm Hex Key	

1. Preparing Vehicle

- Make sure vehicle is parked on level surface.
- Set the parking brake.
- If engine has run in the past two hours, let it cool down.
- Disconnect negative battery terminal.
- Do not discard stock components after removal of the factory system.
- Open the air intake kit package and make sure all parts are included.

2. Removal of stock system



a. Use a small t head screwdriver to pull out the retaining clip and remove the hood release lever.



b. Carefully pull the radiator shroud out.



c. Remove the [2] T25 Torx screws shown above and remove the air inlet scoop.



d. Loosen the hose clamp on the intake pipe at the turbo inlet.



e. Pull the small vacuum line from the nipple on the intake pipe.



f. Pull up on the air box and remove it. Ensure the [3] grommets shown above are still in place. Do not discard any factory components or hardware.



g. Carefully pull the inlet scoop gasket from the air box. You will reuse this later in step 3f.

3. Installation of AEM® intake system.

a. When installing the intake system, do not completely tighten the hose clamps or mounting hardware until instructed to do so.



a. Install the push-in stud on the mounting bracket as shown.



b. Install the remaining studs on the bottom of the lower half of the AEM air box. Then apply the rubber adhesive pad in the approximate location shown.



c. Install the clear AEM plate. Make sure to install the aluminum offset spacer in between the air box and plate.



d. Install the AEM air filter into the velocity stack with the supplied hose clamp.



e. Install the AEM with velocity stack onto the air box. Refer to the exploded view for the appropriate hardware.



f. Install the rubber gasket removed in step 2g.



g. Install the two halves of the air box together. Due to variances in the manufacturing process, slight misalignments between the holes and threaded nut-serts may be present. You can align one hole with a small screwdriver while tightening the adjacent hole.



h. Install [4] bolts show above.



i. Install [2] bolts shown above.



j. Install the remaining [2] bolts shown above.



k. Loosely install the coupler with hose clamps. Then install the vacuum hose to the coupler.



l. Place the air box into the engine bay. Align the [3] push-in studs and make sure they seat into their respective grommets. Make sure the coupler is fully seated onto the turbo inlet then tighten both hose clamps.



m. Install the vacuum hose onto the coupler.



n. Reinstall the inlet scoop. Slide the scoop into the rubber gasket first then align with the core support. Secure with the [2] T25 Torx bolts removed in step 2c.



o. Finally, reinstall the radiator shroud and hood release latch.



STOCK INTAKE INSTALLED



AEM INTAKE INSTALLED

4. Reassemble Vehicle

- a. Position all kit components for best fitment. Ensure that no components contact any unintended part of the vehicle.
- b. Check for proper hood clearance. Re-adjust components if necessary and re-tighten them.
- c. Inspect the engine bay for any loose tools and ensure that all fasteners that were moved or removed are properly tightened.
- d. Reconnect negative battery terminal and start engine. Let the vehicle idle for 3 minutes. Perform a final inspection before driving the vehicle.

5. Service and Maintenance

- a. AEM Induction Systems requires cleaning the intake system's air filter element every 100,000 miles. When used in dusty or off-road environments, our filters will require cleaning more often. We recommend that you visually inspect your filter once every 25,000 miles to determine if the screen is still visible. When the screen is no longer visible some place on the filter element, it is time to clean it. To clean, purchase our Synthetic air filter cleaner, part number 1-1000 and follow the easy instructions.
- b. Use window cleaner to clean your powder coated AEM[®] intake tube.

NOTE: DO NOT USE aluminum polish on powder coated AEM[®] intake tubes.